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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: John X. Zhong

Assignee: Synopsys Inc.

Technology Center 2100

Title: CIRCUIT SIMULATION USING ENCODING OF REPETITIVE
SUBCIRCUITS

Serial No.: 09/774,989-4365 Filing Date: 01/30/2001

Examiner: Kandasamy Thangavelu Art Unit: 2123

Docket No.: 004162.P004 (SYN-0552)

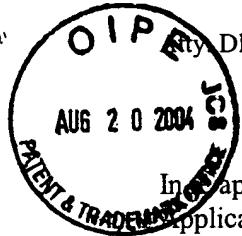
Date: August 16, 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT IN RESPONSE TO THE FIRST OFFICE ACTION

Dear Sir:

In response to the first Office Action mailed from the Patent Office on May 21, 2004, please replace/substitute the following paragraphs and/or claims as indicated.



Dkt. No: SYN-0552

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In application of: John X. Zhong
Application No.: 09/774,989 Art Unit.: 2123
Filing Date: 01/30/2001 Examiner: K. Thangavelu
For: "CIRCUIT SIMULATION USING ENCODING OF REPETITIVE SUBCIRCUITS"

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P.O. Box 1450
Alexandria, VA 22313-1450

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Date: August 16, 2004

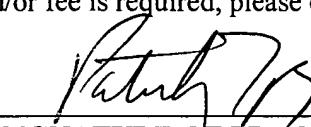
AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application.
2. **STATUS:** Applicant is other than a small entity.
3. **EXTENSION OF TERM:** The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.
4. **FEES FOR CLAIMS:** The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

(Col.1)	(Col. 2)	(Col. 3)	LARGE ENTITY		
Claims Remaining After Amendment	Highest No. Previously Paid For	Present Extra	Rate	Addit. Fee	
Total 25	Minus 25	= 0	x \$18 =	\$0	
Indep. 3	Minus 3	= 0	x \$86 =	\$0	
First Presentation of Multiple Dependent Claim			+ \$290 =	\$0	
			Total		
			Addit. Fee	\$0	

No additional fee for claims is required.

5. **FEES DEFICIENCY:** If any additional extension and/or fee is required, please charge Deposit Account No. 50-0574.


SIGNATURE OF PRACTITIONER

Patrick T. Bever
Reg. No. 33,834

Customer No. 35273
Tel.: (408) 451-5902

I hereby certify that this correspondence is being deposited with the United States Postal Service as FIRST CLASS MAIL in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on August 16, 2004.

8/16/2004 Rebecca A. Baumann
Date Signature: Rebecca A. Baumann